

Please type a plus sign (+) inside this box → ☒

PTO/SB/05 (12/87)
Approved for use through 09/30/00. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))	Attorney Docket No.	112028-14	Total Pages	31
	First Named Inventor or Application Identifier			
	Maria E. Barone			
	Express Mail Label No.	EM532031100US		


APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
---	---

<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)</p> <p>2. <input checked="" type="checkbox"/> Specification [Total Pages 28] (preferred arrangement set forth below)</p> <ul style="list-style-type: none"> - Descriptive title of the invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to Microfiche Appendix - Background of the invention - Brief Summary of the invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure <p>3. <input type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets <input type="checkbox"/></p> <p>4. Oath or Declaration [Total Pages <input]<="" p="" type="checkbox"/> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed) (Note Box 5 below)</p> <p>l. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p> </p>	<p>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</p> <p>7. Nucleotide and/or Amino Acid Sequence Submission (if applicable; all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Copy</p> <p>b. <input type="checkbox"/> Paper Copy (identical to computer copy)</p> <p>c. <input type="checkbox"/> Statement verifying identity of above copies</p>
--	--

ACCOMPANYING APPLICATION PARTS	
8. <input type="checkbox"/>	Assignment Papers (cover sheet & document(s))
9. <input type="checkbox"/>	37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)
10. <input type="checkbox"/>	English Translation Document (if applicable)
11. <input type="checkbox"/>	Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
12. <input type="checkbox"/>	Preliminary Amendment
13. <input type="checkbox"/>	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
14. <input type="checkbox"/>	Small Entity <input type="checkbox"/> Statement filed in prior application, Statement(s) Status still proper and desired
15. <input type="checkbox"/>	Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. <input type="checkbox"/>	Other:

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: _____

18. CORRESPONDENCE ADDRESS					
<input type="checkbox"/> Customer Number or Bar Code Label				or <input type="checkbox"/> Correspondence address below	
(Insert Customer No. or Attach bar code label here)					
NAME	Charles J. Barbas				
	Cesari and McKenna, LLP				
ADDRESS	30 Rowes Wharf				
CITY	Boston	STATE	MA	ZIP CODE	02110
COUNTRY	United States of America	TELEPHONE	(617) 951-2500	FAX	(617) 951-3927

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

<h2 style="margin: 0;">FEE TRANSMITTAL</h2> <p style="font-size: small; margin: 5px 0;">Note: Effective October 1, 1997. Patent fees are subject to annual revision.</p>	<p>Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Application Number</td><td>Not Yet Assigned</td></tr> <tr><td>Filing Date</td><td>February 27, 1998</td></tr> <tr><td>First Named Inventor</td><td>Maria E. Barone</td></tr> <tr><td>Group Art Unit</td><td>Not Yet Assigned</td></tr> <tr><td>Examiner Name</td><td>Not Yet Assigned</td></tr> <tr><td>Attorney Docket Number</td><td>112028-14</td></tr> </table>	Application Number	Not Yet Assigned	Filing Date	February 27, 1998	First Named Inventor	Maria E. Barone	Group Art Unit	Not Yet Assigned	Examiner Name	Not Yet Assigned	Attorney Docket Number	112028-14
Application Number	Not Yet Assigned												
Filing Date	February 27, 1998												
First Named Inventor	Maria E. Barone												
Group Art Unit	Not Yet Assigned												
Examiner Name	Not Yet Assigned												
Attorney Docket Number	112028-14												
TOTAL AMOUNT OF PAYMENT (\$)													

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)																																																																																																																																																																																																																																																																															
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: _____</p> <p>Deposit Account Name: _____</p> <p><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance</p> <p>2. <input type="checkbox"/> Payment Enclosed:</p> <p style="margin-left: 20px;"><input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>	<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Code</th> <th>Small Entity Code</th> <th>Fee (\$)</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>950</td><td>217</td><td>475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,510</td><td>218</td><td>755</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>2,060</td><td>228</td><td>1,030</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,320</td><td>241</td><td>660</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,320</td><td>242</td><td>660</td><td>Utility Issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>450</td><td>243</td><td>225</td><td>Design Issue fee</td><td></td></tr> <tr><td>144</td><td>670</td><td>244</td><td>335</td><td>Plant Issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>790</td><td>246</td><td>395</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>790</td><td>249</td><td>395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> </tbody> </table>	Large Entity Code	Small Entity Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	400	216	200	Extension for reply within second month		117	950	217	475	Extension for reply within third month		118	1,510	218	755	Extension for reply within fourth month		128	2,060	228	1,030	Extension for reply within fifth month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,320	241	660	Petition to revive - unintentional		142	1,320	242	660	Utility Issue fee (or reissue)		143	450	243	225	Design Issue fee		144	670	244	335	Plant Issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))		149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify) _____						Other fee (specify) _____																																																																																																						
Large Entity Code	Small Entity Code	Fee (\$)	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																											
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																																												
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																																																																												
139	130	139	130	Non-English specification																																																																																																																																																																																																																																																																												
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																																																																																																												
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																																												
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																																												
115	110	215	55	Extension for reply within first month																																																																																																																																																																																																																																																																												
116	400	216	200	Extension for reply within second month																																																																																																																																																																																																																																																																												
117	950	217	475	Extension for reply within third month																																																																																																																																																																																																																																																																												
118	1,510	218	755	Extension for reply within fourth month																																																																																																																																																																																																																																																																												
128	2,060	228	1,030	Extension for reply within fifth month																																																																																																																																																																																																																																																																												
119	310	219	155	Notice of Appeal																																																																																																																																																																																																																																																																												
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																												
121	270	221	135	Request for oral hearing																																																																																																																																																																																																																																																																												
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																																												
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																																																																																																																												
141	1,320	241	660	Petition to revive - unintentional																																																																																																																																																																																																																																																																												
142	1,320	242	660	Utility Issue fee (or reissue)																																																																																																																																																																																																																																																																												
143	450	243	225	Design Issue fee																																																																																																																																																																																																																																																																												
144	670	244	335	Plant Issue fee																																																																																																																																																																																																																																																																												
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																												
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																																																																																																																												
126	240	126	240	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																																																												
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																																												
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																																																												
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																																																												
Other fee (specify) _____																																																																																																																																																																																																																																																																																
Other fee (specify) _____																																																																																																																																																																																																																																																																																
<p>FEE CALCULATION</p> <p>1. FILING FEE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>790</td><td>201</td><td>395</td><td>Utility filing fee</td><td>\$790</td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>540</td><td>207</td><td>270</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>790</td><td>208</td><td>395</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>150</td><td>214</td><td>75</td><td>Provisional filing fee</td><td></td></tr> <tr><td colspan="5" style="text-align: right;">SUBTOTAL (1) (\$790)</td></tr> </tbody> </table> <p>2. CLAIMS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Extra</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>20</td><td>-20 = 0</td><td>X 22 =</td><td>\$198</td></tr> <tr><td>7</td><td>-3 = 4</td><td>X 82 =</td><td>\$328</td></tr> <tr><td colspan="4">Multiple Dependent Claims</td></tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>22</td><td>203</td><td>11</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>82</td><td>202</td><td>41</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>270</td><td>204</td><td>135</td><td>Multiple dependent claim</td><td></td></tr> <tr><td>109</td><td>82</td><td>209</td><td>41</td><td>Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>22</td><td>210</td><td>11</td><td>Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr><td colspan="5" style="text-align: right;">SUBTOTAL (2) (\$526)</td></tr> </tbody> </table>	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	101	790	201	395	Utility filing fee	\$790	106	330	206	165	Design filing fee		107	540	207	270	Plant filing fee		108	790	208	395	Reissue filing fee		114	150	214	75	Provisional filing fee		SUBTOTAL (1) (\$790)					Total Claims	Extra	Fee from below	Fee Paid	20	-20 = 0	X 22 =	\$198	7	-3 = 4	X 82 =	\$328	Multiple Dependent Claims				Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	103	22	203	11	Claims in excess of 20		102	82	202	41	Independent claims in excess of 3		104	270	204	135	Multiple dependent claim		109	82	209	41	Reissue independent claims over original patent		110	22	210	11	Reissue claims in excess of 20 and over original patent		SUBTOTAL (2) (\$526)					<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>950</td><td>217</td><td>475</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,510</td><td>218</td><td>755</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>2,060</td><td>228</td><td>1,030</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,320</td><td>241</td><td>660</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,320</td><td>242</td><td>660</td><td>Utility Issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>450</td><td>243</td><td>225</td><td>Design Issue fee</td><td></td></tr> <tr><td>144</td><td>670</td><td>244</td><td>335</td><td>Plant Issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>240</td><td>126</td><td>240</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>790</td><td>246</td><td>395</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>790</td><td>249</td><td>395</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr><td colspan="5" style="text-align: right;">SUBTOTAL (3) (\$)</td></tr> </tbody> </table> <p>* Reduced by Basic Filing Fee Paid</p>	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	400	216	200	Extension for reply within second month		117	950	217	475	Extension for reply within third month		118	1,510	218	755	Extension for reply within fourth month		128	2,060	228	1,030	Extension for reply within fifth month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,320	241	660	Petition to revive - unintentional		142	1,320	242	660	Utility Issue fee (or reissue)		143	450	243	225	Design Issue fee		144	670	244	335	Plant Issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	240	126	240	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))		149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify) _____						Other fee (specify) _____						SUBTOTAL (3) (\$)				
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																													
101	790	201	395	Utility filing fee	\$790																																																																																																																																																																																																																																																																											
106	330	206	165	Design filing fee																																																																																																																																																																																																																																																																												
107	540	207	270	Plant filing fee																																																																																																																																																																																																																																																																												
108	790	208	395	Reissue filing fee																																																																																																																																																																																																																																																																												
114	150	214	75	Provisional filing fee																																																																																																																																																																																																																																																																												
SUBTOTAL (1) (\$790)																																																																																																																																																																																																																																																																																
Total Claims	Extra	Fee from below	Fee Paid																																																																																																																																																																																																																																																																													
20	-20 = 0	X 22 =	\$198																																																																																																																																																																																																																																																																													
7	-3 = 4	X 82 =	\$328																																																																																																																																																																																																																																																																													
Multiple Dependent Claims																																																																																																																																																																																																																																																																																
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																													
103	22	203	11	Claims in excess of 20																																																																																																																																																																																																																																																																												
102	82	202	41	Independent claims in excess of 3																																																																																																																																																																																																																																																																												
104	270	204	135	Multiple dependent claim																																																																																																																																																																																																																																																																												
109	82	209	41	Reissue independent claims over original patent																																																																																																																																																																																																																																																																												
110	22	210	11	Reissue claims in excess of 20 and over original patent																																																																																																																																																																																																																																																																												
SUBTOTAL (2) (\$526)																																																																																																																																																																																																																																																																																
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid																																																																																																																																																																																																																																																																													
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																																																												
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																																																																																																												
139	130	139	130	Non-English specification																																																																																																																																																																																																																																																																												
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																																																																																																												
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																																																																																																												
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																																																																																																												
115	110	215	55	Extension for reply within first month																																																																																																																																																																																																																																																																												
116	400	216	200	Extension for reply within second month																																																																																																																																																																																																																																																																												
117	950	217	475	Extension for reply within third month																																																																																																																																																																																																																																																																												
118	1,510	218	755	Extension for reply within fourth month																																																																																																																																																																																																																																																																												
128	2,060	228	1,030	Extension for reply within fifth month																																																																																																																																																																																																																																																																												
119	310	219	155	Notice of Appeal																																																																																																																																																																																																																																																																												
120	310	220	155	Filing a brief in support of an appeal																																																																																																																																																																																																																																																																												
121	270	221	135	Request for oral hearing																																																																																																																																																																																																																																																																												
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																																																																																																												
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																																																																																																																												
141	1,320	241	660	Petition to revive - unintentional																																																																																																																																																																																																																																																																												
142	1,320	242	660	Utility Issue fee (or reissue)																																																																																																																																																																																																																																																																												
143	450	243	225	Design Issue fee																																																																																																																																																																																																																																																																												
144	670	244	335	Plant Issue fee																																																																																																																																																																																																																																																																												
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																																																																																																												
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																																																																																																																												
126	240	126	240	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																																																												
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																																												
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																																																																																																												
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																																																																																																												
Other fee (specify) _____																																																																																																																																																																																																																																																																																
Other fee (specify) _____																																																																																																																																																																																																																																																																																
SUBTOTAL (3) (\$)																																																																																																																																																																																																																																																																																

SUBMITTED BY		Complete (if applicable)	
Typed or Printed Name	Charles J. Barbas	Reg. Number	32,959
Signature		Date	2/27/98
		Deposit Account User ID	03-1237

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

4


In Re The Application of:)	
Maria E. Barone et al.)	
)	Examiner: Not Yet Assigned
Serial No.: Not Yet Assigned)	
)	
Filed: Herewith)	Art Unit: Not Yet Assigned
)	
For: Method and Apparatus for Predicting)	
Plasma-Process Surface Profiles)	

Cesari and McKenna, LLP
30 Rowes Wharf
Boston, MA 02110
March 3, 1998

CERTIFICATE OF EXPRESS MAILING

“Express Mail” Mailing-Label Number: EM532031100US

I hereby certify that the following new Patent Application is being deposited with the United States Postal Service “Express Mail Post Office to Addressee” service pursuant to 37 C.F.R. §1.10 in an envelope addressed to the Commissioner of Patents and Trademarks, Box New Application, Washington, D.C. 20231, on March 3, 1998.


Laura A. Norton